## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1975-78, 1980 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: December 1980 to September 1983.
WATER TEMPERATURE: October 1974 to June 1978 (1977-78 storm season only), October 1979 to September 1992.
SUSPENDED-SEDIMENT DISCHARGE: October 1974 to June 1978 (1977-78 storm season only), October 1979 to September 1992.

REMARKS.--In October 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group.

### WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| Date | Time | Instantaneous discharge, cfs (00061) | Barometric pressure, mm Hg (00025) | Dissolved oxygen, mg/L (00300) | Dissolved oxygen, percent of saturation (00301) | Specif. conductance, wat unf uS/cm 25 degC (00095) | Temperature, air, deg C (00020) | Temperature, water, deg C (00010) | Ammonia + org-N, water, fltrd, mg/L as N (00623) | Ammonia + org-N, water, unfltrd mg/L as N (00625) | Ammonia water, fltrd, mg/L as N (00608) | [1]Nitrite + nitrate water fltrd, mg/L as N (00631) | Ortho-phosphate, water, fltrd, mg/L as P (00671) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT | | | | | | | | | | | | | |
| 22... | 1415 | 1.7 | 611 | 8.9 | 99 | 80 | 21.5 | 10.0 | -- | .06 | .004 | .003 | .008 |
| NOV | | | | | | | | | | | | | |
| 28... | 1445 | 2.8 | 608 | 10.3 | 99 | 76 | 7.5 | 4.0 | -- | .05 | .003 | .002 | .006 |
| DEC | | | | | | | | | | | | | |
| 06... | 1430 | E9.9 | -- | -- | -- | 54 | 2.5 | 2.5 | .11 | .28 | <.003 | .036 | .005 |
| 19... | 1605 | 3.9 | 605 | 10.6 | 98 | 68 | .5 | 2.5 | .07 | .05 | .006 | .004 | .003 |
| JAN | | | | | | | | | | | | | |
| 22... | 1445 | E5.2 | 610 | 11.4 | 98 | 64 | 1.0 | .0 | -- | .07 | .003 | .002 | .006 |
| FEB | | | | | | | | | | | | | |
| 17... | 1325 | E14 | -- | -- | -- | 47 | 3.0 | 1.0 | .13 | .15 | .007 | .071 | .005 |
| MAR | | | | | | | | | | | | | |
| 11... | 1630 | 21 | 606 | 9.9 | 101 | 54 | 4.5 | 6.2 | .10 | .12 | .005 | .004 | .004 |
| 18... | 1850 | 55 | -- | -- | -- | 44 | 2.0 | 2.5 | .08 | .27 | <.003 | .017 | .001 |
| 22... | 1930 | 117 | -- | -- | -- | 41 | 2.0 | 2.0 | .21 | .24 | .005 | .037 | .001 |
| APR | | | | | | | | | | | | | |
| 06... | 2130 | 98 | -- | -- | -- | 42 | .5 | 2.5 | .05 | .12 | <.003 | .026 | .001 |
| 12... | 1945 | 119 | 606 | 10.4 | 100 | 40 | 6.0 | 4.0 | .07 | .14 | <.003 | .029 | .001 |
| 21... | 1355 | 50 | -- | -- | -- | 49 | 2.5 | 7.0 | -- | .06 | <.003 | .012 | .003 |
| 27... | 2000 | 154 | -- | -- | -- | 35 | 6.5 | 3.5 | .09 | .16 | .007 | .043 | .002 |
| 28... | 1400 | 114 | -- | -- | -- | 39 | 13.5 | 8.3 | .06 | .39 | .004 | .042 | .002 |
| MAY | | | | | | | | | | | | | |
| 04... | 0720 | 155 | -- | -- | -- | 34 | 2.0 | 2.5 | .08 | .14 | .004 | .038 | .002 |
| 05... | 1935 | 217 | 605 | 10.4 | 103 | 30 | 11.2 | 5.0 | .07 | .28 | .004 | .026 | .002 |
| 13... | 1710 | 79 | 608 | 9.0 | 101 | 39 | 15.5 | 10.2 | .09 | .08 | .004 | .014 | .002 |
| 20... | 0940 | 79 | -- | -- | -- | 36 | 8.0 | 4.5 | .10 | .08 | .004 | .012 | .001 |
| 31... | 1255 | 75 | -- | -- | -- | 33 | 18.5 | 9.0 | .07 | .07 | .003 | .004 | .002 |
| JUN | | | | | | | | | | | | | |
| 10... | 1610 | 43 | 609 | 8.4 | 100 | 38 | 16.5 | 13.0 | .04 | .11 | .005 | .002 | .004 |
| JUL | | | | | | | | | | | | | |
| 15... | 1430 | 8.1 | 612 | 7.2 | 99 | 57 | 24.0 | 20.0 | -- | .08 | <.003 | .003 | .007 |
| AUG | | | | | | | | | | | | | |
| 16... | 1715 | 2.1 | 609 | 7.8 | 104 | 69 | 21.8 | 18.0 | -- | .10 | .004 | .005 | .010 |
| SEP | | | | | | | | | | | | | |
| 17... | 1625 | 1.6 | 603 | 8.1 | 100 | 79 | 17.0 | 14.0 | .08 | .10 | .005 | .002 | .007 |

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| Date | Phosphorus, water, fltrd, mg/L (00666) | Phosphorus, water, unfltrd mg/L (00665) | Suspended sediment concentration mg/L (80154) | Suspended sediment discharge, tons/d (80155) |
|---|---|---|---|---|
| OCT | | | | |
| 22... | .018 | .017 | 2 | .01 |
| NOV | | | | |
| 28... | .009 | .016 | 1 | .01 |
| DEC | | | | |
| 06... | .017 | .049 | 24 | E.64 |
| 19... | .010 | .013 | 1 | .01 |
| JAN | | | | |
| 22... | .016 | .013 | 2 | E.03 |
| FEB | | | | |
| 17... | .011 | .029 | 11 | E.42 |
| MAR | | | | |
| 11... | .013 | .018 | 4 | .23 |
| 18... | .009 | .059 | 52 | 7.7 |
| 22... | .007 | .047 | 37 | 12 |
| APR | | | | |
| 06... | .008 | .020 | 8 | 2.1 |
| 12... | .009 | .023 | 15 | 4.8 |
| 21... | .008 | .011 | 3 | .41 |
| 27... | .007 | .112 | 111 | 46 |
| 28... | .008 | .017 | 11 | 3.4 |
| MAY | | | | |
| 04... | .007 | .030 | 22 | 9.2 |
| 05... | .008 | .055 | 63 | 37 |
| 13... | .015 | .015 | 7 | 1.5 |
| 20... | .013 | .013 | 3 | .64 |
| 31... | .008 | .013 | 4 | .81 |
| JUN | | | | |
| 10... | .010 | .016 | 4 | .46 |
| JUL | | | | |
| 15... | .020 | .021 | 2 | .04 |
| AUG | | | | |
| 16... | .015 | .018 | 1 | .01 |
| SEP | | | | |
| 17... | .015 | .018 | 4 | .02 |

Remark codes used in this table:
< -- Less than
E -- Estimated value

[1] -- Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.